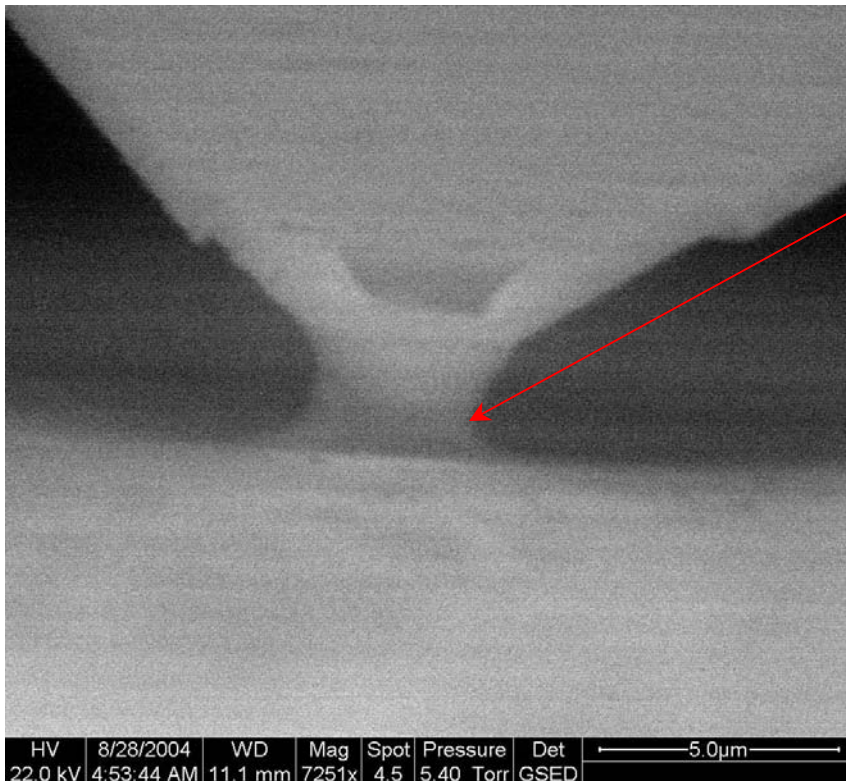


Acquisition of Scanning Electron Microscope with Electron Backscatter Diffraction system for research and education



California Polytechnic State University (*DMR-00113559*)



Investigation of water
meniscus at Atomic Force
Microscope tip for
characterization of Dip Pen
Nanolithography

M. Leyden, undergraduate

Advisor: P. Schwartz, Physics

Principal Investigators :L. Vanasupa, K.C. Chen, L. Moody,

New SEM has greatly expanded the research capabilities for **undergraduate students** from **multiple disciplines**

- Imaging of organic samples without cryogenic preparation

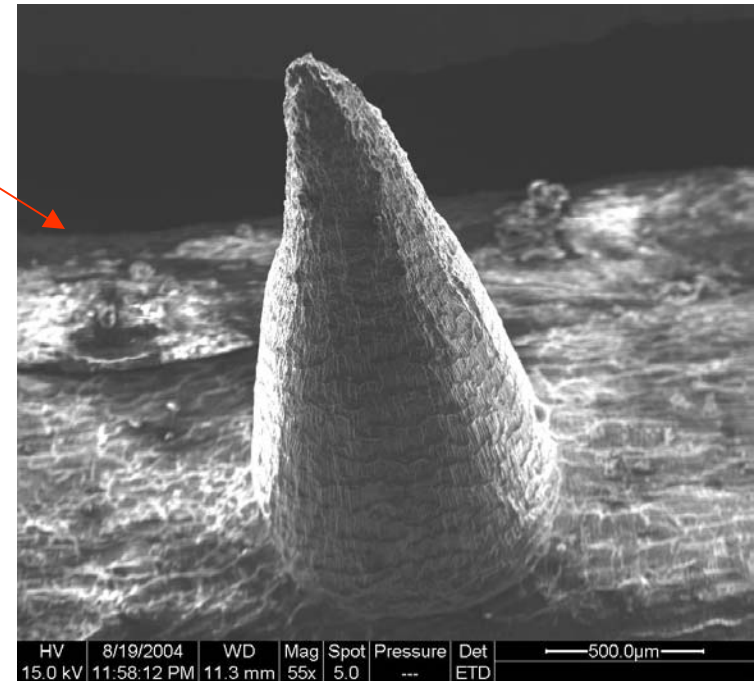
Biology

- Failure analysis

Materials Engineering

- Materials Characterization

Physics, Materials Eng.
And Biomaterials



User summary for **Year 1**: **26** undergraduate researchers, **8** M.S. graduate researchers, **60 junior high** students

